

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	265	tip same latch\$\$ same probe	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/16 08:02
L2	747	tip same probe same array and storage	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/16 08:03
L5	849	tip same probe same array and record\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/16 08:03
L7	150	tip same probe same array same record\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/16 08:03
L8	375	tip same probe same array and afm	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/16 09:32
L9	4	("5276672"   "5461907"   "5475318"   "5540958").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/16 08:12
L10	14	("6079255").URPN.	USPAT	OR	ON	2006/11/16 08:12
L11	11	("5268571"   "5576483"   "5666190"   "5856617"   "5856672"   "5856967"   "5883705"   "6000280"   "6079255"   "6650135"   "6851301").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/16 08:14
L12	70	needle same probe same bit	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/16 08:25
L13	469	KURODA with AKIRA	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/16 08:25
L14	123	KURODA with AKIRA and probe	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/16 08:25
L16	200	KISHI with ETSURO	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/16 08:42

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L17	50	KISHI with ETSURO and probe	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/16 08:42
L35	2	("5015850"   "5187367").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/16 09:31
L36	168	Oguchi with Takahiro and probe	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/16 10:25
L37	50	KISHI with ETSURO and probe	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/16 10:25
S1	2164	probe with tip and afm	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/16 07:59
S2	1408	probe with tip same afm	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 14:44
S3	309	probe with tip same afm same (stor\$4 record\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 14:55
S4	8	("20040113641"   "5345815"   "5835477"   "5856967"   "6233206"   "6370107"   "6473361"   "6762402").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/14 14:51
S5	37	"5835477"	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/14 14:52
S6	504	probe with afm same (stor\$4 record\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 14:55
S7	287	probe with afm same (record\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 15:00
S8	243	tip with afm same (record\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 15:02

## EAST Search History

S9	112	S8 not S7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 15:01
S10	14	tip with dent same record\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 15:03
S11	74	tip with pit same record\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 15:07
S12	3018	tip with conductive with insulat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 15:07
S13	119	tip with conductive with insulat\$4 same (storage record\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 15:11
S14	4884	tip with contact\$4 same (storage record\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 15:11
S15	972	tip with contact\$4 same (storage record\$4) and probe	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 15:11
S16	621	tip with contact\$4 same (storage record\$4) same probe	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 15:12
S17	387	tip with contact\$4 same medium same probe	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/14 15:12
S18	8	("5838005"   "5936237"   "5936243"   "5965218"   "5969238"   "6034348"   "6703614"   "6894272").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/15 11:40
S19	214	insulat\$3 near2 tip same conduc\$4 same probe	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 12:18
S20	1	1991-036913.NRAN.	DERWENT	OR	ON	2006/11/15 11:58
S21	23	"5132934"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 12:06

## EAST Search History

S22	6	("4213192"   "4340853"   "4343993"   "4575822"   "4829507"   "4831614").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/15 12:00
S23	99	tip same probe same bit same information	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 12:00
S24	18	("5835477").URPN.	USPAT	OR	ON	2006/11/15 12:02
S25	5	("4916688"   "5307311"   "5389475"   "5777977"   "5835477").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/15 12:03
S26	8	("6084849").URPN.	USPAT	OR	ON	2006/11/15 12:04
S27	5	("4731155"   "5252835"   "5461600"   "5537372"   "6084849").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/15 12:05
S28	252	tip same probe	IBM_TDB	OR	ON	2006/11/15 12:06
S29	5	("6218086").URPN.	USPAT	OR	ON	2006/11/15 12:06
S30	5	("6218086").URPN.	USPAT	OR	ON	2006/11/15 12:16
S31	29020	(tip probe) same base same contact\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 12:20
S32	11134	(tip probe) with base with contact\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 12:20
S33	1476	(tip probe) with base with contact\$4 with electric\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 12:20
S34	117	(tip probe) with base with contact\$4 with electric\$4 and record\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 12:20
S35	138	(tip probe) with base with contact\$4 with electric\$4 and storage	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 12:20
S36	2	"US 20050201258"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/11/15 12:45
S37	30	champion with corbin	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/11/15 12:47

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S38	35	champion with corbin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 12:52
S39	12	("5345815" "5835477" "5856967" "6233206" "6370107" "6473361").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 12:52
S40	326	afm same tip same base	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 13:29
S41	1	2005-663600.NRAN.	DERWENT	OR	ON	2006/11/15 13:29
S42	26	("4906840"   "5045936"   "5116462"   "5274230"   "5324935"   "5354985"   "5410151"   "5489774"   "5540958"   "5548113"   "5650614"   "5675145"   "5770856"   "5838000"   "5861550"   "5861624"   "5923033"   "5952657"   "5965218"   "5982009"   "5994691"   "6013925"   "6057546"   "6239426"   "6267005"   "6278113").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/15 13:37
S43	37	engag\$4 with tip with pit	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 14:41
S45	2327	tip same contact same non-contact	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 14:48
S46	665	tip same contact same non-contact and storage	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 15:19
S47	931	tip same contact same non-contact and (record\$4 writ\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 14:49
S48	5	("4724318"   "5224376"   "5331491"   "5331589"   "5491411").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/15 15:18
S49	1186	tip same isolat\$4 with contact\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 15:19

## EAST Search History

S50	212	tip same isolat\$4 with contact\$4 and record\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 15:25
S51	6	("6211673").URPN.	USPAT	OR	ON	2006/11/15 15:19
S54	1453	tip same insulat\$4 with contact\$4 same layer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 15:26
S57	47	tip same insulat\$4 with contact\$4 same layer with record\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 15:27
S58	129	tip same hole with contact\$4 same storage	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 15:29
S59	937	tip same heat\$3 same contact\$4 same (record\$3 stor\$3 writ\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 15:49
S60	0	millepede with record\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 15:49
S61	19	millepede	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 16:09
S64	756	tip same spac\$3 with contact\$3 same heat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 16:51
S65	675	tip same spac\$3 with isolat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 16:51
S66	5	tip same spac\$3 with isolat\$3 and afm	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 16:56
S67	297	tip same isolat\$3 and afm	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/15 16:57

## EAST Search History

S68	16	("20020125427"   "4835465"   "5116462"   "5272913"   "5294465"   "5347226"   "5357109"   "5357787"   "5360978"   "5382795"   "5399232"   "5475318"   "6011261"   "6059982"   "6091124"   "6249747").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/15 17:14
S69	1	("6504152").URPN.	USPAT	OR	ON	2006/11/15 17:17